

WHAT IS CLAIMED IS:

1. A tape cartridge comprising:

an opening to pull out a tape formed at a corner of a cartridge case;

a curved door to open/close the opening;

5 a slide mechanism to slide the door for said cartridge case;

a door-side spring hooking portion formed at an end portion of said door;

a case-side spring hooking portion formed on a bottom surface of said cartridge case;

10 a coiled spring which is attached across said door-side spring hooking portion and said case-side spring hooking portion, and energizes said door so as to close; and

15 a regulation portion which is provided on one surface of said door, in which one end of a coiled spring is trial-fitted on said door-side spring hooking portion, and which is composed so as to regulate a position of the coiled spring when the coiled spring is pressed on one surface of said door.

2. A tape cartridge according to claim 1, wherein said regulation portion is provided adjacent to said door-side spring hooking portion.

20 3. A tape cartridge according to claim 1, wherein said regulation portion consists of a protruded main body portion and a V groove with an approximately V-letter cross section in an inner surface of a slide door.

4. A tape cartridge according to claim 2, wherein said regulation portion consists of a protruded main body portion toward inside of the cartridge and a V groove with an approximately V-letter cross section formed in the main body portion.

25 5. A tape cartridge according to claim 1, wherein said regulation portion is set to be uncontactable with a coiled spring which elongates/diminishes

according to movements of a slide mechanism assembled within said cartridge case.

6. A tape cartridge according to claim 2, wherein said regulation portion is set to be uncontactable with a coiled spring which elongates/diminishes according to movements of a slide mechanism assembled within said cartridge case.

7. A tape cartridge according to claim 3, wherein said regulation portion is set to be uncontactable with a coiled spring which elongates/diminishes according to movements of a slide mechanism assembled within said cartridge case.

8. A tape cartridge according to claim 4, wherein said regulation portion is set to be uncontactable with a coiled spring which elongates/diminishes according to movements of a slide mechanism assembled within said cartridge case.

9. A tape cartridge according to claim 3, wherein said regulation portion is a wedge of which protrusion amount becomes larger from a front toward a back of said slide door, and wherein said V groove gradually becomes larger in width and depth from the front toward back of said slide door.

10. A tape cartridge according to claim 4, wherein said regulation portion is a wedge of which protrusion amount becomes larger from a front toward a back of said slide door, and wherein said V groove gradually becomes larger in width and depth from the front toward back of said slide door.

11. A tape cartridge according to claim 5, wherein said regulation portion is a wedge of which protrusion amount becomes larger from a front toward a back of said slide door, and wherein said V groove gradually becomes larger in width and depth from the front toward back of said slide door.

12. A tape cartridge according to claim 6, wherein said regulation portion is a wedge of which protrusion amount becomes larger from a front toward a back of said slide door, and wherein said V groove gradually becomes larger in width and depth from the front toward back of said slide door.

5 13. A tape cartridge according to claim 7, wherein said regulation portion is a wedge of which protrusion amount becomes larger from a front toward a back of said slide door, and wherein said V groove gradually becomes larger in width and depth from the front toward back of said slide door.

10 14. A tape cartridge according to claim 8, wherein said regulation portion is a wedge of which protrusion amount becomes larger from a front toward a back of said slide door, and wherein said V groove gradually becomes larger in width and depth from the front toward back of said slide door.

15. A tape cartridge according to claim 1, wherein said tape is a magnetic tape.

15 16. A tape cartridge according to claim 2, wherein said tape is a magnetic tape.

17. A tape cartridge according to claim 3, wherein said tape is a magnetic tape.

20 18. A tape cartridge according to claim 1, wherein said tape is an optical recording tape.

19. A tape cartridge according to claim 2, wherein said tape is an optical recording tape.

20. A tape cartridge according to claim 3, wherein said tape is an optical recording tape.